



JAMISON-
BUILT COLD STORAGE DOORS

JAMISON STANDARD COLD STORAGE DOOR

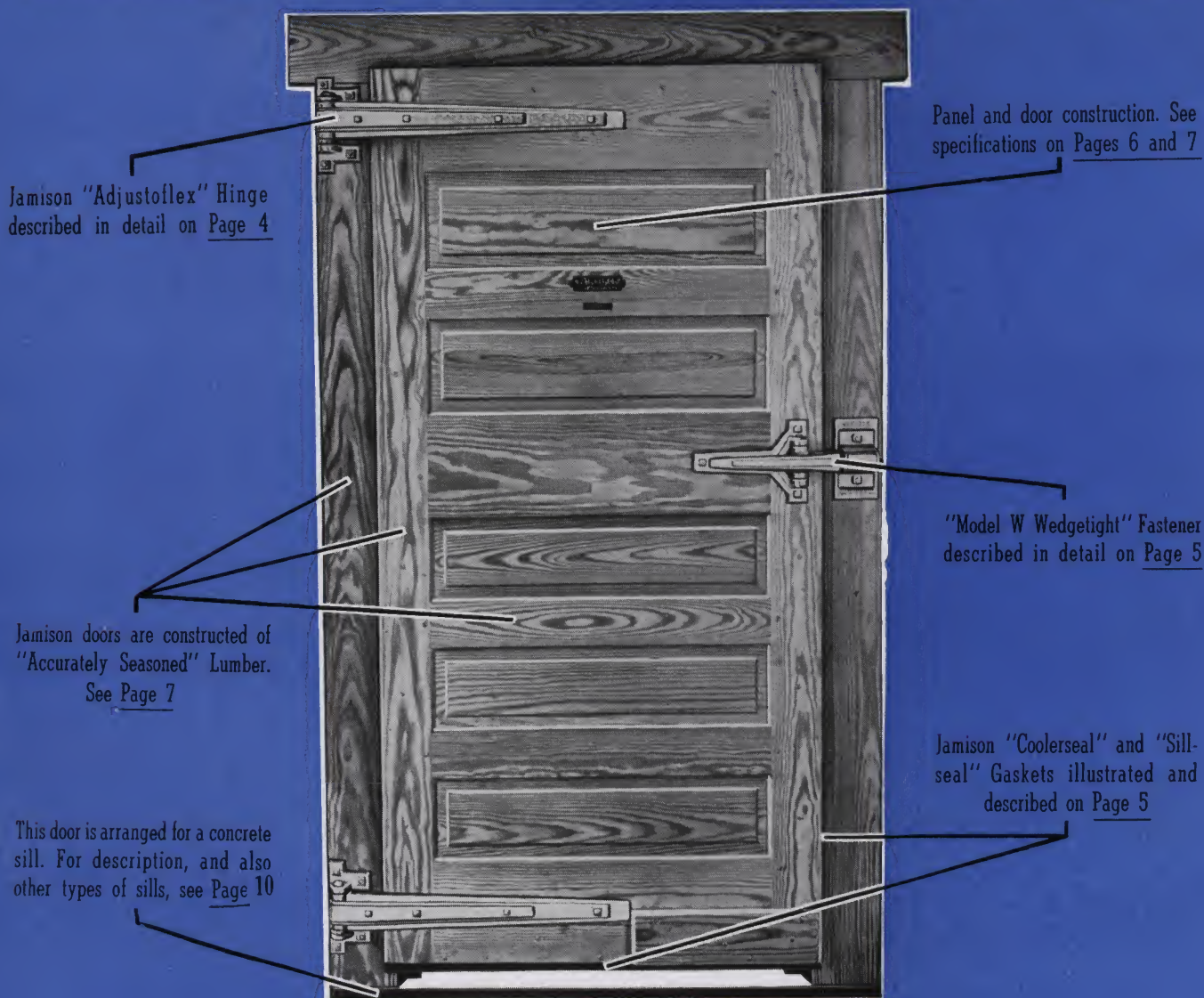


Fig. 2

STANDARD COLD STORAGE DOOR NOMENCLATURE

DOOR INSULATION

To guide you in the selection of the proper door insulation we give you standard nomenclature, and recommend the following:

COOLER DOORS: Insulated with full 4 inches of *granulated cork*, well packed, and encased in an envelope of heavy waterproof insulating paper. For use where small differences in temperature exist, as between the cold storage room and vestibule, or where the cold storage room temperature is maintained at about 30 degrees F. or above.

FREEZER DOORS: Insulated with 4 inches of *corkboard* laid in hot asphalt. To protect greater temperature differences.

SHARP FREEZER DOORS: Insulated with 6 inches or more of *corkboard* laid in hot asphalt. For use at lower temperatures.

We recommend for best protection, that door insulation be equal to that on the walls.

(Do not confuse the Sharp Freezer with Super Freezer type door designed for use with zero and sub zero temperatures. Descriptive literature sent on request.)

SWING OF THE DOOR

Designation of right and left hand doors is as follows: Right hand door—when facing front of closed door, *hinges* are on right hand side (See front cover). Left hand door—*hinges* are on left hand side (see Fig. 2 above).





JAMISON CARDINAL PRINCIPLES OF MANUFACTURE

I

The thickness of insulation material in every door sold should be the same as that supplied in the walls of the cold storage room in which the door is installed.

II

Panels, stiffeners, bracing and backing of Jamison-Built doors **MUST** be machined from correctly seasoned lumber only. The parts **MUST** then be stored under controlled humidity conditions until the moisture content of the wood is that meeting the exceptional demands of cold storage use.

III

When the parts out of which a cold storage door is constructed are assembled into a completed door the finished product **MUST** have the greatest possible rigidity and strength, yet be capable of compensating for natural expansion and contraction.

IV

The seals with which a Jamison-Built door and frame are equipped **MUST** be of the finest material obtainable to satisfy the demands of the use to which the door is to be put.

V

All hardware used on Jamison-Built doors **MUST** be designed specifically for cold storage use. Because cold storage doors are designed as easily movable sections of the walls of cold storage rooms hardware contributes as much to the protection value of a cold storage door as does the actual door construction.

VI

When a Jamison-Built door is hung in its frame and the hardware applied, fitting of the door within or to its frame and the adjustment of the hardware **MUST** positively insure continuous and perfect seating of the door against its seals—yet allow the door to be opened and closed with the greatest possible ease.

J. Jamison Jr.

EVEN a Jamison-Built cold storage door will fail in its purpose if equipped with inadequate hardware.

JAMISON ADJUSTOFLEX HINGE

(PATENTED)

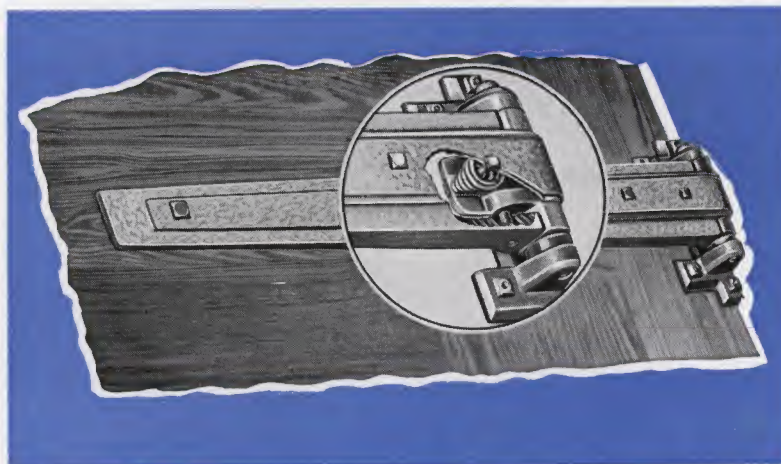


Fig. 3 Jamison "Adjustoflex" Hinge

The Jamison Adjustoflex Hinge is an entirely new development in spring hinge design. It combines spring tension regulation with self adjustment in normal door operation.

It is the **OUTSTANDING IMPROVEMENT** in cold storage door hinges since the introduction of the original Jamison Adjustable Spring Hinge.

The Jamison Adjustoflex Hinge includes the blade, the hinge butt, the adjusting link, and the spring.

The spring is conical, of strong construction and is located between the blade and the adjusting link.

When a Jamison cold storage door, equipped with Adjustoflex Hinges, is closed, the spring pressure forces the door inward, automatically sealing the door tightly against its seals.

If, through use, the door should not continue to properly seat against its gaskets, this condition can be quickly corrected by increasing or decreasing the spring pressure. This is accomplished by simply slacking off or tightening the adjusting screw. The necessity for such adjustment seldom occurs more than once a season.

The spring is an independent member of the hinge assembly. It carries no part of the weight of the door. Its sole use is to produce constant and continuous seating of the door against the gasket seals.

The blade of the Jamison Adjustoflex Hinge lies close to the face of the panel of the door. This permits the hinge butt to be low and compact and greatly reduces the radius of swing. In small rooms, and narrow vestibules this is of great importance.

Jamison Adjustoflex Hinges operate very easily because they are equipped with ball bearings. Strength and long life are assured by their rugged construction, large hinge pins and ample bearing surfaces.

Jamison Adjustoflex Hinges are made in several sizes. The number of hinges and size used on Jamison-Built doors depends on the size and weight of the door.

Standard finish of Jamison Adjustoflex Hinges is hot dip galvanized. Other finishes, polished bronze, nickel plated, chromium plated, etc., will be furnished when specified.

NOTE: "Adjustoflex", "Wedgetight", "Coolerseal" and "Sillseal" are trade names. Similar words expressed by others in connection with cold storage door hinges, fasteners or gaskets are used to deceive and imitate.

JAMISON MODEL "W" WEDGETIGHT FASTENER

The Cold Storage industry considered the original Jamison Wedgetight Fastener an outstanding achievement and a real contribution when introduced by Jamison ten years ago.

The new Jamison Model "W" Wedgetight Fastener far surpasses its famous ancestor. It is streamlined in design, the spring pressure has been greatly reduced, the bearing surfaces are larger, and the keeper is adjustable.

The bed plate assembly is bolted to the door. It includes a malleable iron operating handle and hardened steel wedging tang. The keeper housing and hardened drop-forged steel wedge are mounted on an adjustable base. The base is bolted to the door casing.

In opening or closing a Jamison cold storage door equipped with a Jamison Model "W" Wedgetight Fastener the operation is entirely automatic. It will open from the outside by merely pulling the operating handle. When opened from the inside a push of the inside handle is all that is necessary. Regardless of whether it is closed with a slam or a gentle push there is no rebound.

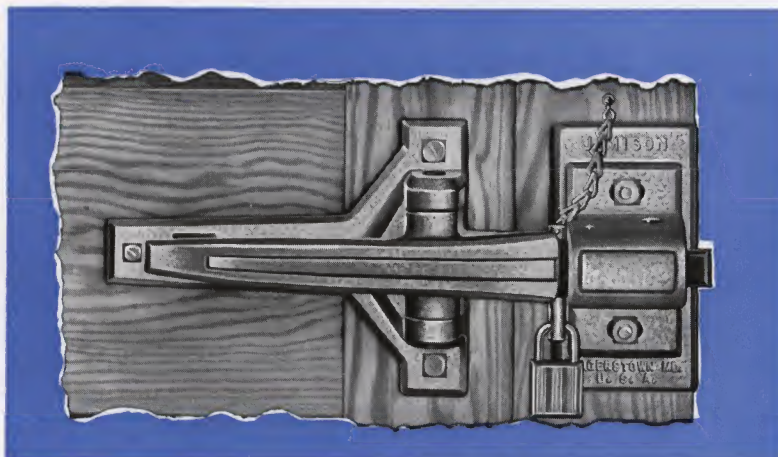


Fig. 4 Jamison "Model W Wedgetight" Fastener

Jamison Model "W" Wedgetight Fasteners are made in several sizes. The size furnished is determined by the size of the door. Hot dip galvanizing is standard finish. Special finishes will be furnished when specified.

Especially featuring extreme ease of operation Model "W" Wedgetight Fasteners offer these additional features.

1. Does not slacken as it closes; it seals the door as tightly as if by a sledge-driven wedge; there is no rebound. Once closed nothing will open the door except the normal operation of the fastener handle.
2. No handle recoil—no wrist strain.
3. Fits close to the door—no protruding parts to catch, bend or break.
4. Maximum simplicity—minimum wear.
5. The vital moving part—the Wedge—is located in the adjustable keeper, instead of the fastener housing, as in other designs.
6. Arranged for locking pin, will accommodate any standard padlock having $\frac{5}{16}$ " shackle.
7. Modern streamlined design harmonizing with "Adjustoflex" Hinges.

JAMISON RESILIENT GASKETS

JAMISON "COOLERSEAL" GASKET



Fig. 5 Jamison "Cooler Seal" Gasket

Jamison "Cooler Seal" Gasket will not take a permanent set as will fabric covered cotton wicking or hollow rubber tubing used by other manufacturers. It is a Jamison designed product made of pure rubber, soft, pliable, extremely resilient, durable and waterproof. In structure it is cellular giving it an insulating value not obtainable in any other gasket material.

JAMISON "SILLSEAL" GASKET

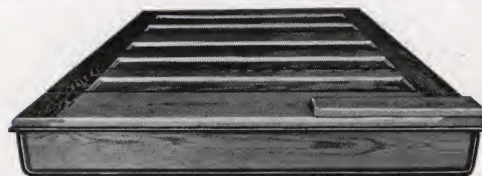


Fig. 6 Jamison "Sill Seal" Gasket

Jamison "Sill Seal" gasket was developed specifically to form the seal at the bottom of Jamison-Built doors, is pure rubber, tough, and not affected by low temperatures.

Its structure is such that it has no capillarity. Thus, no moisture on the door sill can be drawn into the bottom of the door, a matter of common occurrence in the felt sill gasket used by some other manufacturers.

Because of frictional wear sill gaskets must be occasionally replaced. On Jamison-Built doors the "Sill Seal" gasket can be readily removed for replacement without removing the door from the hinges. This is accomplished by removing the lowest row of screws on the front and back of Jamison-Built doors thus releasing the gasket strip.



Fig. 7 Jamison Standard Door, open (right hand)



Fig. 8 Jamison Standard Door, rear view (right hand)

JAMISON STANDARD COLD STORAGE DOOR CONSTRUCTION FEATURES

The word "Door" as used in the cold storage industry means the door hung in its frame complete with all hardware ready for installation in door bucks supplied by others.

The door proper consists of the Front Panel, Stiffeners, Bracing, Insulation and Backing. See Figure 11.

THE FRONT PANEL is an assembly of the stiles, rails and raised panels constructed of No. 1 Yellow Pine. To compensate for shrinking or swelling the raised panels are of the full floating type. To provide for the outer sealing gasket the front is made larger than the frame opening.

STIFFENERS: The stiffeners are constructed of best grade Fir or Yellow Pine at manufacturer's option. The side stiffeners are built up of two timbers securely fastened together eliminating to the greatest possible degree warping, twisting and splitting, a common occurrence in single piece construction.

The stiffeners are rabbeted to receive the tongue and groove backing boards. This method of construction gives increased strength as well as an exceedingly neat finish, as the raw ends of the backing boards are concealed.

ASSEMBLY: The stiffeners are securely attached to the front panel with long screws. Two diagonal corners of this box-like structure are stiffened with full depth steel corner braces (C, Fig. 10) fastened to the top and side stiffeners with long wood screws. This type of construction insures the stiffeners remaining straight and square. Thus all insulation, granulated or in sheets, fits tightly.

BRACING: A brace of heavy timber (E, Fig. 10) is laid between the two diagonal corners previously stiffened by the steel corner braces. This brace is laid flat against the front panel and the front panel secured to it. This combination of diagonal brace and steel angle corner braces is the feature which assures the rigidity and strength for which Jamison-Built Doors are noted.

The method of bracing used in Jamison-Built doors provides for maximum unbroken insulation. It insures against sagging of the door, yet allows for natural expansion and contraction.

HINGE AND FASTENER BLOCKS (Hinge block, A, Fig. 10) are placed in their proper locations to receive the lag bolts when the hardware is attached to the door.

INSULATION: Jamison Standard Cooler Doors are insulated with 4" of granulated cork, or other specified insulating material. Before the insulation

is installed the box-like structure formed by the front panel and the stiffeners is lined with a layer of moisture proof insulating paper. After the insulating material has been thoroughly packed and tamped into place it is covered with a final layer of insulating paper thus completing a moisture proof envelope around the entire insulation.

Jamison Standard Freezer Doors are insulated with 4" corkboard (F, Fig. 10) or other sheet insulating material as specified. It is accurately hand fitted within the door, laid universally in two layers with all joints broken. After the sheet insulation is fitted it is removed and relaid in hot asphalt (B, Fig. 10).

Jamison Standard Sharp Freezer Doors are insulated with 6" or more of corkboard or other sheet insulating material as specified. It is installed in the door in the same manner as described under Jamison Standard Freezer Doors.

BACKING: After the door is insulated the backing boards (D, Fig. 10) are securely nailed to the stiffener rabbets. The backing boards are of special pattern with long tongue and deep groove to properly provide for expansion and contraction at the joints.

FRAMES: The standard frame assembly includes the jambs, casing, rabbet strips and sill. The casing and casing head is made of No. 1 Yellow Pine halved at the joints. They are joined with long wood screws. The casing is securely nailed to the jambs. Fir is used for jamb construction. After the casing and jambs have been attached, the sill of the type selected is applied. The heavy rabbet strips for the second seal are then secured to the jambs.

SEALS: Jamison "Coolerseal" gasket is attached to the overlap of the front panel and to the jamb rabbets thus producing inner and outer seals and causing a dead air space to exist between the door and the frame. (See Figs. 11 and 12). This feature was originated by Jamison and is perhaps one of the most important of the many for which Jamison-Built doors have long been noted.

Two Jamison "Sillseal" gaskets are attached to the gasket strip at the bottom of the door providing a double wiper at the sill (See Figs. 16, 17 and 18).

HARDWARE: The door is then hung in the frame and the hardware applied. All hardware on Jamison-Built doors is bolted or lagged to the door. No wood screws are used. After the door is hung the entire assembly is inspected and tested for easy operation.

PATENTS: The important parts of the door, hardware and appurtenances used in the construction of Jamison-Built doors are protected by letters patent registered in the United States and Foreign countries. Following Jamison's policy of constant research in the development and improvement of door design and hardware, other Domestic and Foreign patents are pending.



Fig. 9 Section of finished lumber storage room in the Jamison plant, showing humidifiers

CONDITIONED LUMBER

Perhaps one of the most rigorous uses to which any structural material can be put is that of wood in cold storage installations. This is due to the wide temperature and humidity differentials inherently incident to the cold storage industry. To maintain maximum insulating and operating efficiency cold storage doors **MUST** be built of carefully selected lumber seasoned specifically for cold storage duty.

The moisture content of all lumber used in Jamison-Built doors is rigidly controlled within definite limits. The rough lumber is **PROPERLY SEASONED**. After machining, the finished parts are stored in air-conditioned spaces in which humidity is exactly controlled. Not until the machined lumber has attained the moisture content best suiting it for cold storage use is it used in a Jamison-Built cold storage door. Accordingly JAMISON doors built of conditioned lumber are free from internal strains and stresses.

THE USE OF ACCURATELY SEASONED LUMBER IN THE MANUFACTURE OF COLD STORAGE DOORS IS AN EXCLUSIVELY JAMISON CONTRIBUTION TO THE COLD STORAGE INDUSTRY.

THE "INSIDE" STORY OF A FREEZER DOOR

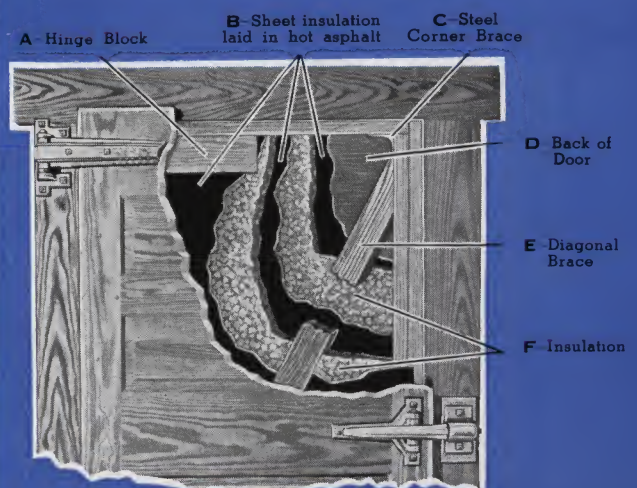


Fig. 10 Cut-away section of Jamison Freezer Door

JAMISON STANDARD COOLER & FREEZER DOORS

The drawing at right (Fig. 11) together with illustration on the front cover and Figures 2, 7 and 8, completely illustrate Jamison Standard Cooler and Freezer Doors. Doors are furnished hung in the frame complete with necessary hardware, ready to set in the wall (sanded finish, no paint or varnish). Double seal is standard construction (single seal if specified). For complete details of construction features see Pages 6 and 7.

SILLS:—Three types available as shown in Figures 16, 17 and 18 and described on Page 10.

SIZES:—Shown in Table on Page 10.

SPECIAL EQUIPMENT:—See Pages 11 and 13.



Fig. 12 Details:—Jamison Sharp Freezer Door, 6" insulation (left hand)

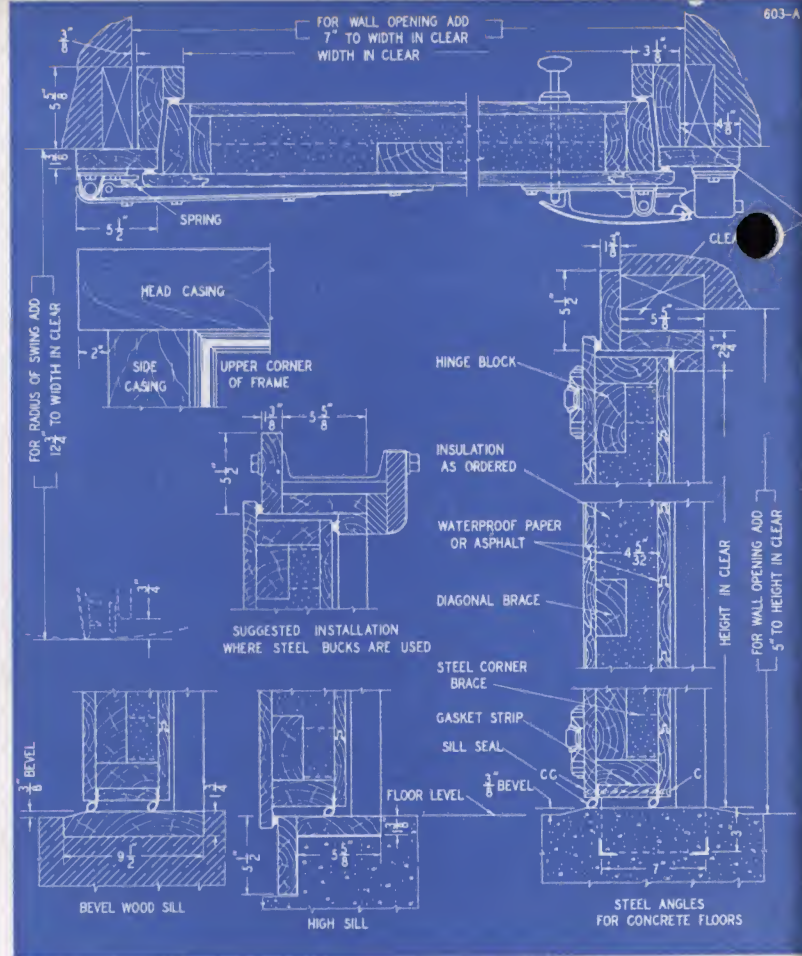
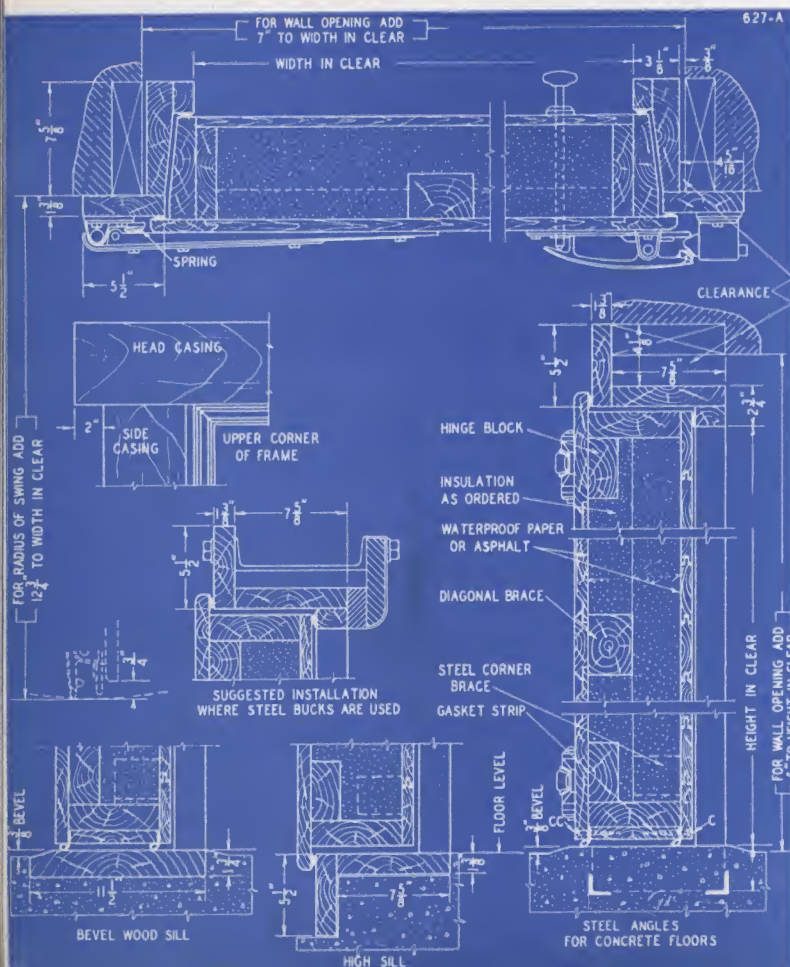


Fig. 11 Details:—Jamison Cooler and Freezer Door, 4" insulation (left hand)



JAMISON STANDARD SHARP FREEZER DOORS

Of the infitting type, similar in construction to Standard Cooler and Freezer door, the Sharp Freezer Door is recommended where temperature differences are great (see Door Nomenclature Page 2). The Sharp Freezer Door is insulated with 6 inches or greater thickness (depending on protection needed) of corkboard laid in hot asphalt, or other insulating material if specified. Illustration at left, Fig. 12, gives details of 6" Sharp Freezer Door.

Do not confuse this Sharp Freezer Door with the Super Freezer Door (overlap type) which is recommended for use at near zero or sub zero temperatures, illustrated and described in a separate bulletin sent free on request.

JAMISON STANDARD DOUBLE DOORS

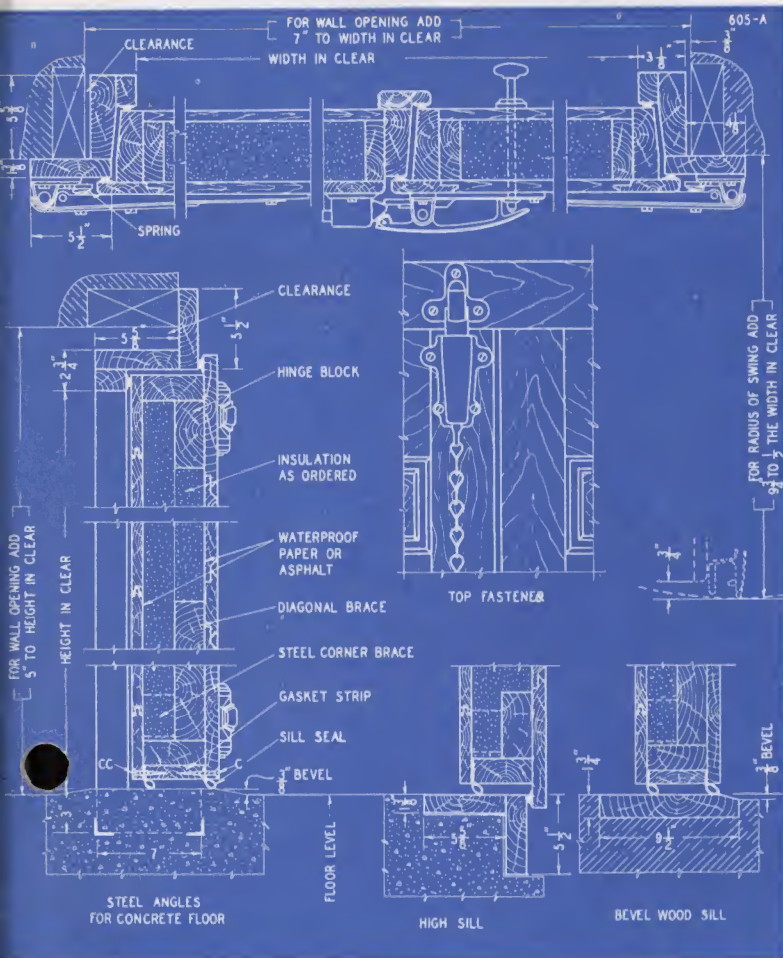


Fig. 14 Details:—Jamison Standard Double Door, 4" insulation



Fig. 13 Jamison Standard Double Door (right hand door opens first)

Double doors, shown in Figures 13 and 14, are of the same general specifications as Jamison standard single doors (see Pages 6 and 7). They are equipped with standard Jamison hardware, with extra top fastener on the second door. Unless ordered to the contrary, right hand door is made to open first, and has inside release.

There is no obstructing center post; the entire clear opening is available when both doors are opened. Double seals are furnished down the center as well as on top, bottom and sides. Drawing (Fig. 14) shows 4 inch insulation but any thickness can be furnished, and any of the three types of sills shown are available.

Jamison double doors are ideal for use at elevator shafts, car loading docks, etc. For list of standard sizes see table, Page 10.

JAMISON STANDARD "BUNKER" DOORS

"Bunker" doors are recommended for use at small openings where the walk-in feature is not required. For table of Standard sizes see Page 10.

"Bunker" doors are built to Jamison standard door specifications, and furnished with a high sill as shown in Fig. 15, unless otherwise specified.

"Adjustoflex" hinges and the "Model W Wedgetight" fastener are standard hardware equipment. Special finish hardware or flush panels can be furnished on specification.

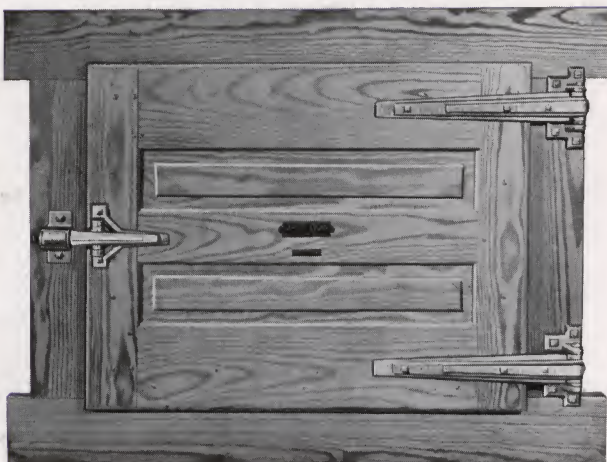


Fig. 15 Jamison Standard Bunker Door (right hand)

THREE TYPES OF SILL AVAILABLE ON JAMISON DOORS

CONCRETE SILLS, (Fig. 16): Where there is appreciable movement of trucks in and out of cold storage rooms Concrete Sills are commonly used. Jamison-Built Doors for such installations are supplied with frames 3 inches longer than the height of the door and the two sides of the frame connected at the base with an angle-iron spreader. Provision is thus made for imbedding and anchoring the bottom of the frame in the concrete floor.

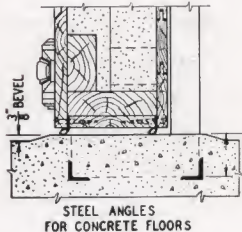


Fig. 16

When the concrete floor is laid a $\frac{3}{8}$ " rise must be provided beneath the door. The floor must be tapered up to this rise in order that the bottom seals of the door will swing clear of the floor when the door is opened. *This taper is ESSENTIAL.* If it is not provided the sill-seals will be dragged against the floor when the door is opened and thus subjected to *unwarranted* and *excessive* wear.

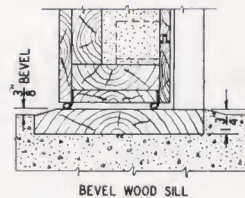


Fig. 17

the doorway. They can be equipped with steel wearing plates at the factory. The plates are easily replaceable when wear due to traffic has reduced the Necessary Contact between the sill and sill gaskets.

HIGH SILLS, (Fig. 18);

When the insulation on the floor of a cold storage room is not depressed but is laid upon a former floor High Sills should be used. Note in Fig. 15 that the wiping type of sill seal is not used on a door supplied with a high sill. A high sill can be used only in doorways through which there is no truck traffic.

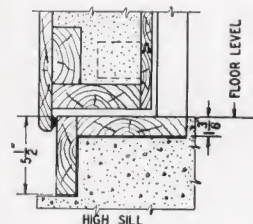


Fig. 18

STANDARD SIZES OF JAMISON COOLER, FREEZER AND SHARP FREEZER DOORS

We usually have in stock the popular sizes marked (P) for immediate shipment. All other sizes, if not stock, can be shipped on short notice.

When ordering BE SURE TO STATE THAT A "JAMISON" door is desired, as we also manufacture other types of doors designated as Stevenson and Victor. Also state whether Cooler, Freezer or Sharp

Freezer type is desired (see Standard Door Nomenclature on Page 2). State also whether right or left hand (see Page 2) and which type of sill is wanted (see Figures 16, 17 and 18, above). Lack of any of this information necessitates correspondence and delay. We are prepared to furnish doors of any size, design or specifications required.

	Stock No.	Dimensions inside of frame (Door in clear)		Size of Wall Opening required		Shipping Weight Crated* Pounds	Cubic Feet Crated**
		Width	Height	Width	Height		
"Bunker" Sizes	000	1'6" x 1'6"		2'1" x 1'11"		125	9
	(P) 00	2'6" x 2'0"		3'1" x 2'5"		155	14
	0	2'0" x 3'0"		2'7" x 3'5"		200	16
	03	2'6" x 3'0"		3'1" x 3'5"		235	18
	02	2'6" x 3'6"		3'1" x 3'11"		260	20
Walk In Sizes	1	2'0" x 6'0"		2'7" x 6'5"		305	26
	(P) 2	2'6" x 6'0"		3'1" x 6'5"		340	30
	3	2'6" x 6'6"		3'1" x 6'11"		365	32
	(P) 4	3'0" x 6'0"		3'7" x 6'5"		375	33
	†5	3'0" x 6'6"		3'7" x 6'11"		410	36
	†7	3'6" x 6'6"		4'1" x 6'11"		440	40
	(P) †11	4'0" x 6'6"		4'7" x 6'11"		475	44
Double Door Sizes.	†13	4'6" x 6'6"		5'1" x 6'11"		550	48
	†16	5'0" x 6'6"		5'7" x 6'11"		590	52
	†41	6'0" x 6'6"		6'7" x 6'11"		745	60
	(P) †44	8'0" x 6'6"		8'7" x 6'11"		900	77

(P) Indicates popular sizes. †These doors have three hinges. *For Sharp Freezer Doors add 20% to weight shown. **For Sharp Freezer Doors add 15% to cubic dimensions shown.

Variations from Standard and Extra Equipment

In addition to the features described in previous pages of this bulletin, extra equipment and variations from standard which may be furnished on specifications are listed below. Information and prices on such extras and specialties, when not covered by Standard Jamison price list, will be supplied upon application.

SPECIAL MATERIALS: Jamison Standard Cold Storage Doors can be furnished in practically any kind of wood specified, with raised panel, flush panel or plywood panel, with casings to match.

Jamison Cold Storage Doors are also procurable with porcelain fronts and backs, trimmed with Monel Metal, or Stainless Steel.

Jamison Cold Storage Doors are obtainable par-

tially or completely covered or trimmed with Monel Metal, or Stainless Steel. This type of door together with special wood construction doors, is shown on Page 13.

All wood sills may be metal protected if desired.

Standard insulation for Jamison Cold Storage Doors is either granulated cork encased in waterproof insulating paper, or pure sheet corkboard laid in hot asphalt, other standard insulating material will be furnished when ordered.

SPECIAL HARDWARE: Standard hardware, as described on Pages 4 and 5, is furnished in galvanized finish. However, hardware will be supplied upon specification, in polished bronze, polished bronze nickel or chromium plated, etc.

JAMISON IMPROVED DOOR CLOSER



Fig. 19 Jamison Improved Door Closer

The best of doors are useless when men forget to close them. Keep your doors closed and save refrigeration with Jamison Improved Door Closer. Recently refined in appearance to harmonize with the modern Jamison hardware, it offers the following distinct advantages:

1. Special alloy steel spring fully enclosed in sanitary metal housing, giving all moving parts complete protection.
2. Can be instantly adjusted to any suitable tension.
3. Requires but 4" width of casing for attachment.
4. Strong enough to satisfactorily operate any make of Cold Storage Door.
5. Can be made instantly non-operative if it is desired to leave the Door open, and be immediately again put in operation without adjustment.
6. Modernistic design, pleasing appearance.

The Improved Door Closer can be supplied as extra equipment attached on new Jamison Built Doors, or may be purchased separately for installation on any make of door. Made for either right or left hand swing.

Galvanized finish is standard, but polished bronze, bronze nickel or chromium plated, can also be furnished. Send for folder giving complete information.



Fig. 20 Jamison Metal Clad Door (left hand)



Fig. 21 Jamison Standard Door with kick plate and angle iron jamb protection (left hand)

JAMISON METAL CLAD DOORS

(For Fire Retarding Purposes)

The Jamison Metal Clad Door (Fig. 20) is constructed in accordance with standard Jamison door specifications (see Pages 6 and 7)—the difference lies in the metal covering on the entire door, frame, casing and jamb, combining insulating efficiency with fire protection. Unless otherwise specified Jamison Metal Clad Doors will be covered with No. 27 Gauge Galvanized Sheet Steel as shown in Figure 16, but Terne Plate Tin covering is available if required.

All joints and seams folded and locked, no nail heads exposed or solder used.

The Jamison Metal Clad Door has been approved and accepted for fire retarding purposes for over thirty years, in every city, most of the small towns in this country, and throughout the civilized world. Although no Underwriter's label is available on any make of cold storage doors, undoubtedly the Underwriters in your district will accept Jamison metal clad doors as satisfactory.

Metal Clad Door sizes are the same as for Jamison Standard Doors as given in Table on Page 10 of this bulletin. Metal cladding is also available as described above on all types of Jamison Cold Storage Doors, such as Track Doors, Vestibule Doors, Super Freezer Doors, etc.

JAMISON Standard Door with Metal Kick Plate

To protect the door against battering of trucks and to provide a surface which can easily be kept sanitary, we can fit the lower part, or full height, of the Jamison Standard Door with 27, 20, 16 or heavier gauge galvanized kick plates, as required (4 feet is standard). As additional protection against damage by trucks, the casings and jambs may be similarly protected, or corners of the casing and jamb rabbets may be protected with steel angles, securely screwed in place (see Fig. 21). Heavy gauge metal ($\frac{1}{8}$ " galv. or $\frac{3}{16}$ " black steel) sill plates can also be provided on wood sills, if desired.

JAMISON DOORS WITH SPECIAL FRONTS

Here are a few variations of details from the Jamison Standard Door. They are examples of what may be furnished, and are intended as suggestions. We can equip the standard door with any type front you desire to meet the needs of environment, special uses, sanitation, and appearance. We invite your inquiry regarding any special materials or finishes you may be considering and will give you our unbiased opinion as to their practicability, and quote definite prices.

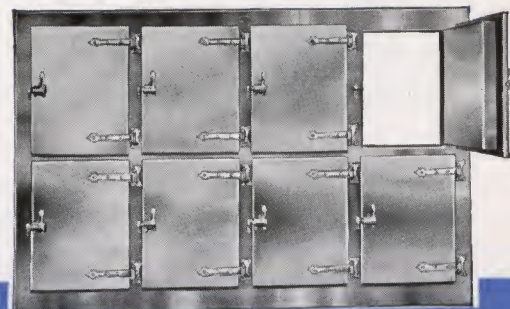


Fig. 22 Refrigerator Fronts, particularly adaptable for hotel, hospital, institutional, etc. use, can be furnished in special woods, monel metal, stainless steel or porcelain, trimmed with polished metal. Special refrigerator hinges illustrated.



Fig. 23 (*Left Hand Swing*) Distinctive doors such as this antique, weatherbeaten oak door with appropriate hardware, can be furnished to match surroundings.



Fig. 24 (*Right Hand Swing*) Porcelain finish door trimmed with stainless steel and equipped with nickel or chromium plated special refrigerator hardware.



Fig. 25 (*Right Hand Swing*) Polished metal covered door furnished in monel metal, or stainless steel, with special refrigerator hardware to harmonize.



Fig. 26 (*Right Hand Swing*) Doors with smooth plywood fronts suitable for hospitals, restaurants or hotels, where strict cleanliness must be combined with good appearance.



Fig. 27 (*Left Hand Swing*) Jamison standard door with flush panel front, can be furnished if desired. Do not confuse this type panel with the plywood panel shown in Fig. 22.

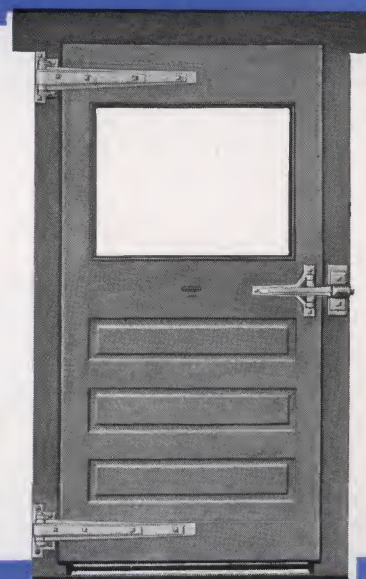


Fig. 28 (*Left Hand Swing*) Standard Jamison door with glass panel arranged for 3 or 4 thicknesses of glass. Glass furnished only on special order.



SOLVING YOUR DOOR PROBLEMS

So long as a cold storage door must be opened and closed to move goods in or out of the room, some interchange of air is inevitable. This loss of dry, cold air and the inrush of warmer, moist air must be kept to an absolute minimum if you wish to fully protect your profits and your reputation for quality products.

It is to this important undertaking that the Jamison Cold Storage Door Company has devoted ALL its energies throughout its career as the oldest and largest manufacturer of cold storage doors.

The Jamison-Built Doors of today are better than those of a decade ago (despite the fact that in some quarters those older doors seem to be considered perfection)—because we always welcome constructive criticisms, suggestions or statements of special problems by door users—and our engineering department puts its long experience to work solving such problems. Because our effort to improve Jamison-Built Doors never ceases, you get in each Jamison-Built Door a degree of protection otherwise impossible. *Why be satisfied with less, when Jamison-Built Doors cost no more.*

OLDER TYPES OF JAMISON HARDWARE

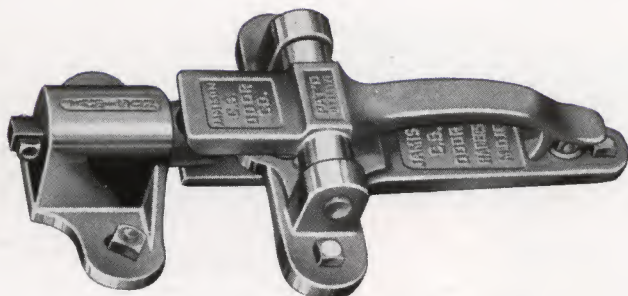


Fig. 29 Original Jamison Wedgetight Fastener

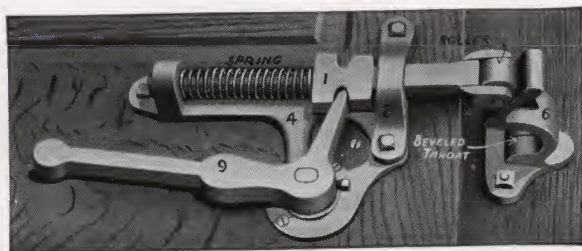


Fig. 31 Jamison Improved Self-Tightening Fastener, still standard equipment on ship doors

Here illustrated are older types of Jamison Hinges and Fasteners, no longer standard equipment, but shown for your convenience in identifying and ordering repairs or replacements of hardware for existing doors, or for special doors.

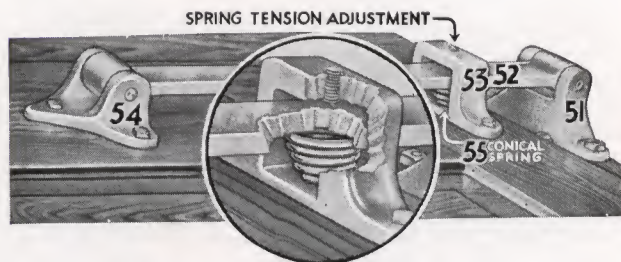


Fig. 30 Jamison Adjustable Spring Hinge

"Products shown and described in this bulletin are of standard current design. We reserve the right to make changes in prices and specifications at any time without incurring obligations."

SPECIFICATIONS for ARCHITECTS & ENGINEERS

1. Furnish where shown on drawings and in accordance with the specifications, Jamison Standard Cold Storage Doors, Windows, Can Passing Vestibules, and Automatic Ice Chutes, as manufactured by the JAMISON COLD STORAGE DOOR COMPANY, Hagerstown, Maryland, U. S. A.
2. All Fronts (except if metal clad) to be of raised panel design. Casing and fronts furnished in No. 1 Yellow Pine, backs of Fir, or Pine, at manufacturers' option (for variations, see Page 11).
3. All doors, so indicated, shall be completely metal clad with galvanized steel sheets for fire retarding purposes, all joints and seams folded and locked, no solder or exposed nail heads.
4. All Doors, so indicated, shall be Track Doors, Double Doors, Vestibule Doors, Super Freezer Doors, Vertical Sliding Doors, or Standard Cooler, Freezer or Sharp Freezer Doors, equipped with Jamison Improved Door Closer.
5. All Doors, Windows, etc., furnished hereunder shall be complete with frame and hardware, all assembled ready for installation. Insulation contractor shall provide sub-frames for all Doors, Windows, etc., securely installed to receive the Doors, etc., specified, and shall obtain correct sizes from Door manufacturer before installing the sub-frames.
6. All sills for (state location) shall be of concrete formed by the building contractor after installation of the door, and raised to a level $\frac{3}{8}$ " above finished floor, with long bevel on each side.
7. All sills for (state location) shall be beveled wood (left plain or covered with $\frac{1}{8}$ " galvanized steel, or $\frac{3}{16}$ " boiler plate).
8. All sills for (state location) shall be high wood sills (left plain or covered with $\frac{1}{8}$ " galvanized steel).
9. All hardware shall be of standard design of iron and steel, with hot galvanized finish (for other finishes see Page 11).
10. All Windows shall be arranged to receive three thickness of glass (state kind) which is to be furnished and installed by glazing contractor after Windows are installed.
11. All Doors and Windows shall be furnished unpainted with sandpaper finish. The painting contractor shall give a coat of primer, and two (or three) coats of good oil paint after installing, and before refrigeration is turned on, to match surrounding woodwork. Paint must be allowed to dry thoroughly before closing doors. (*See italicized paragraph below regarding paint on gasket*).

SUGGESTIONS FOR BUCK INSTALLATIONS JAMISON STANDARD COOLER & FREEZER DOORS

Jamison Cold Storage Doors are shipped hung in the frame complete with all necessary hardware, ready to set in the wall opening.

Provide bucks to receive our door frame with proper opening (See Table Page 10, and Figs. 11 and 12 Page 8). Double seal Doors require buck opening 7" wider and 5" higher than the door in the clear, and single seal Doors $3\frac{1}{2}$ " wider by $3\frac{1}{2}$ " higher than the door in the clear. The width and height in the clear is the daylight opening inside of the door frame.

In providing bucks for installing, the size of the bucks is controlled by the size of the door, and may be of either wood or steel. Wood bucks should never be less than 3" x 4" rough size for the smallest size doors, and should be joined and dressed four sides, must be straight and true, and set in a perfect plane, securely anchored to the floor and ceiling with a head piece or lintel at proper height.

If steel bucks are used (channels recommended) setting to be precisely the same as for the wood bucks except provision should be made to tap the flange of the channel for machine screws, (which are not furnished by the door manufacturer). It is just as important that steel bucks be in perfect plane as wooden bucks, and should be carefully checked before setting the door frame.

Cold Storage Doors are extremely heavy and if the bucks are too light or if our frame is not rigidly fastened in place, sagging will invariably follow and Door will fail to give satisfactory service.

When finally screwing down on bolts holding our frame to the bucks, be careful not to pull the casing away from the plane of the door. Remember, our frame is made to fit the same plane as our Door. Do not try to make our frame conform to the wall or bucks, which may be out of true.

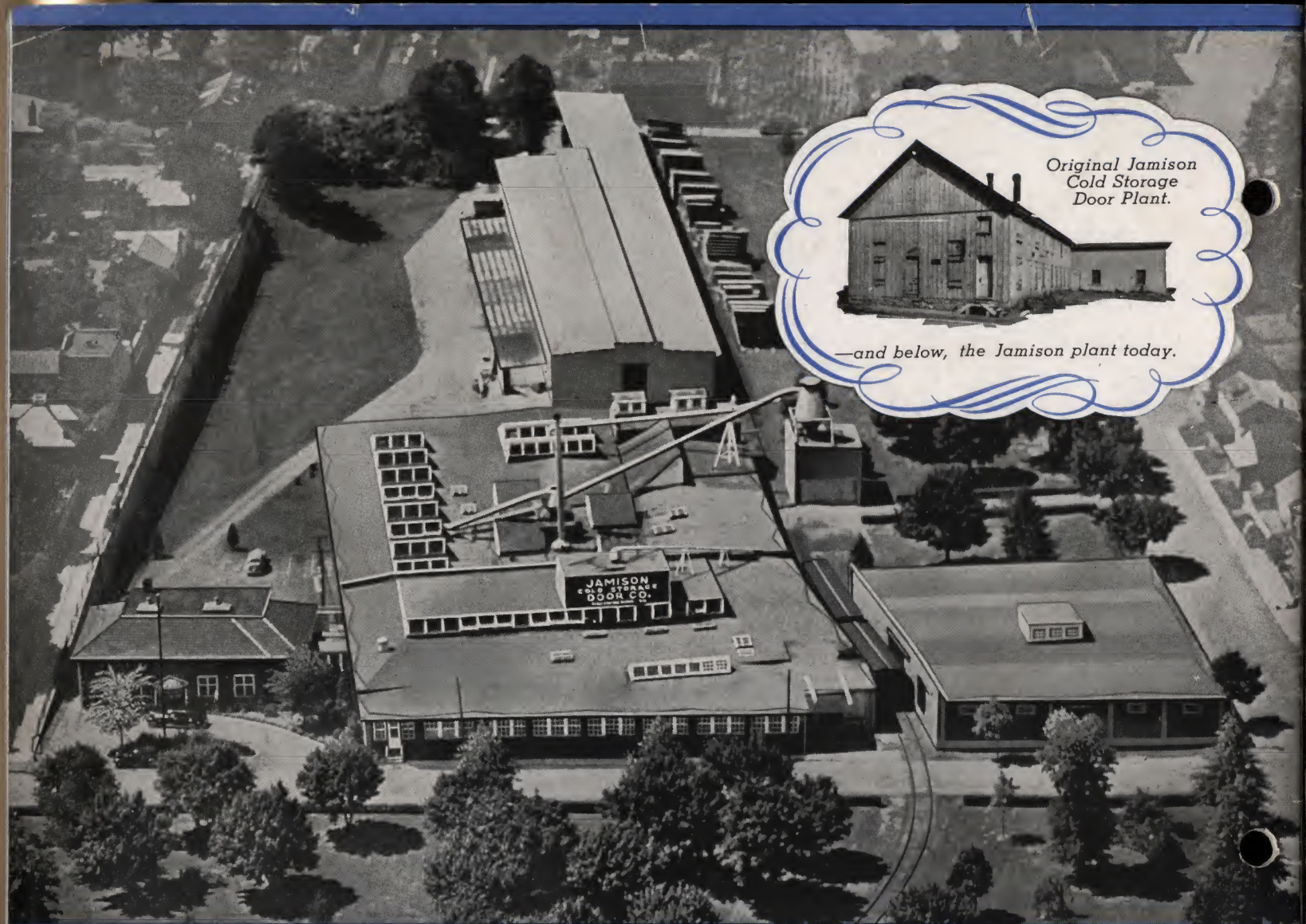
Door and frame must be painted with a good grade of linseed oil, (three coats recommended) or shellac and at least two coats of spar varnish or other waterproof treatment, and be allowed to stand until thoroughly dry. (*If closed before thoroughly dry, gaskets will be destroyed. Since rubber is dissolved in linseed oil, painter must be careful not to allow it to even touch the edges of the rubber gasket.*) Painting must be done before refrigeration is turned on and before the lumber has had a chance to absorb moisture resulting from refrigeration.

All our Doors are set in stanchions at our plant, opened, closed and tested. They fit the frame perfectly before shipping.

The tension on the hinge springs may be adjusted. To increase the pressure on the gasket, loosen the adjusting screw. To release the pressure, tighten the screw. Remember it is only necessary for the gasket to exert light pressure, it is enough that it simply contacts well.

See that all bearing points of hinges and fasteners are well lubricated and kept lubricated.

Complete instructions for installing are attached to each door when shipped.



JAMISON COLD STORAGE DOOR COMPANY

OLDEST AND LARGEST MANUFACTURERS OF COLD STORAGE DOORS IN THE WORLD

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